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AULA WIN60 HE PRO

AULA WIN60 HE PRO 60% Mechanical Gaming Keyboard User Manual

Model: WIN60 HE PRO | Brand: AULA

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1. Introduction

This manual provides detailed instructions for the AULA WIN60 HE PRO 60% Mechanical Gaming Keyboard. Designed for high-performance gaming, this keyboard features Hall Effect magnetic switches, rapid trigger mode, an 8000Hz polling rate, and customizable RGB lighting. Please read this manual thoroughly to ensure proper setup, operation, and maintenance of your keyboard.

Figure 1: AULA WIN60 HE PRO 60% Mechanical Gaming Keyboard with highlighted features.

2. Setup

2.1 Unboxing

Carefully remove all components from the packaging. Ensure the following items are present:

- AULA WIN60 HE PRO Keyboard
- USB-C Cable
- Keycap Puller
- Extra Switches (if included)

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Video 1: Unboxing the AULA WIN60 HE Gaming Keyboard, showing the contents including the keyboard, USB-C cable, and switch puller.

2.2 Connecting the Keyboard

1. Locate the USB-C port on the back of the keyboard.
2. Connect the provided USB-C cable to the keyboard.
3. Plug the other end of the USB-C cable into an available USB port on your computer.
4. The keyboard will automatically be recognized by your operating system (Windows PC/Laptop compatible).

Note: This keyboard is not compatible with PlayStation 5/4 (PS5/PS4) and OBOX.

2.3 Driver Installation (Web-Based)

The AULA WIN60 HE PRO utilizes a web-based driver for customization, eliminating the need for software downloads.

1. Ensure your computer is connected to the internet.
2. Open your preferred web browser.
3. Navigate to the official AULA web driver portal (refer to the product packaging or manufacturer's website for the exact URL).
4. The web interface will allow you to customize settings directly.

Figure 2: Easy-to-use web driver interface for customization.

Note: The web driver currently only supports Windows operating systems.

3. Operation

3.1 Hall Effect Magnetic Switches & Rapid Trigger

The AULA WIN60 HE PRO features advanced Hall Effect magnetic switches, which detect key presses using magnetic fields rather than physical contact. This design provides:

- **Adjustable Actuation:** Customize the actuation point of each key to your preference for faster response or more deliberate presses.
- **Rapid Trigger Mode:** Allows keys to activate and deactivate based on movement rather than a fixed actuation point, enabling ultra-fast repeated inputs and precise control, especially beneficial for FPS games. The ultra-low RT step distance is 0.02mm.
- **Durability:** Absence of physical contact reduces wear and tear.

Figure 3: Rapid Trigger technology for enhanced gaming performance.

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Video 2: Demonstrating the hot-swappable magnetic switches, including Gray Wood Magnetic Switch and Wing Chun Magnetic Switch variants.

3.2 8000Hz Polling Rate

The keyboard features an 8000Hz polling rate, meaning it reports key presses to your computer 8000 times per second. This results in:

- **Ultra-Fast Response Times:** Minimizes input lag for immediate in-game actions.
- **Precision Control:** Ensures every keystroke is registered accurately and without delay.

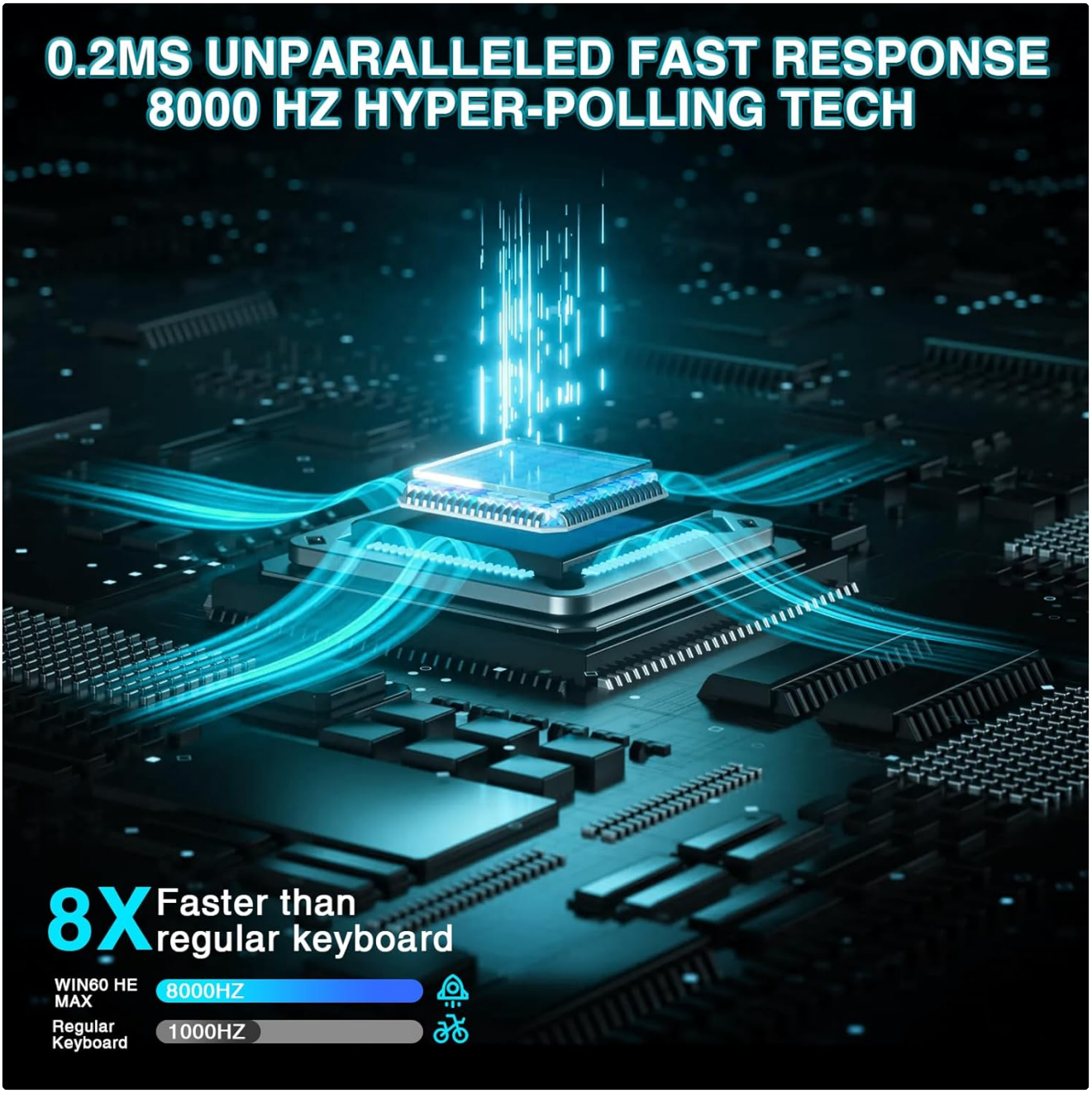


Figure 4: 8000Hz Hyper-Polling Technology for minimal latency.

3.3 Dynamic RGB Lighting

The keyboard offers 16.8 million customizable RGB color options and various lighting effects. Use the following key combinations for quick adjustments:

RGB Lighting Control Hotkeys

Key Combination	Function
FN + **Backspace**	Turn off keyboard lighting effect
FN + **[**	Light brightness increases
FN + **]**	Light brightness decreases
FN + **{**	Left Alt light speed increase
FN + **}**	Right Alt light speed decrease

Key Combination	Function
FN + \	Switch light effect mode
FN + **Alt**	Switch light effect color

Figure 5: RGB Backlight controls and effects.

3.4 Customization with Web Driver

The web-based driver provides extensive customization options:

- **Key Remapping:** Assign any function to any key.
- **Macro Creation:** Record and assign complex sequences of commands to a single key.
- **RGB Lighting Customization:** Fine-tune lighting effects, colors, and patterns beyond the basic hotkeys.
- **Actuation Point Adjustment:** Precisely set the actuation distance for each magnetic switch.

Access the web driver as described in Section 2.3.

4. Maintenance

4.1 Cleaning the Keyboard

To maintain optimal performance and appearance:

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the keycaps and chassis.
- For dust and debris between keycaps, use compressed air.
- Avoid harsh chemicals or abrasive materials.

4.2 Hot-Swappable Switches

The AULA WIN60 HE PRO features hot-swappable magnetic switches, allowing for easy replacement or customization without soldering.

- Use the provided keycap puller to gently remove the keycap.
- Use a switch puller (not explicitly mentioned as included, but implied by "hot-swappable" and video) to carefully remove the switch.
- Align the new switch with the socket and press firmly until it clicks into place.
- Replace the keycap.

Caution: Apply gentle force to avoid damaging the switch sockets.

5. Troubleshooting

5.1 Keyboard Not Responding

- Ensure the USB-C cable is securely connected to both the keyboard and the computer.
- Try connecting the keyboard to a different USB port on your computer.
- Test the keyboard on another computer to rule out system-specific issues.
- Restart your computer.

5.2 RGB Lighting Not Working

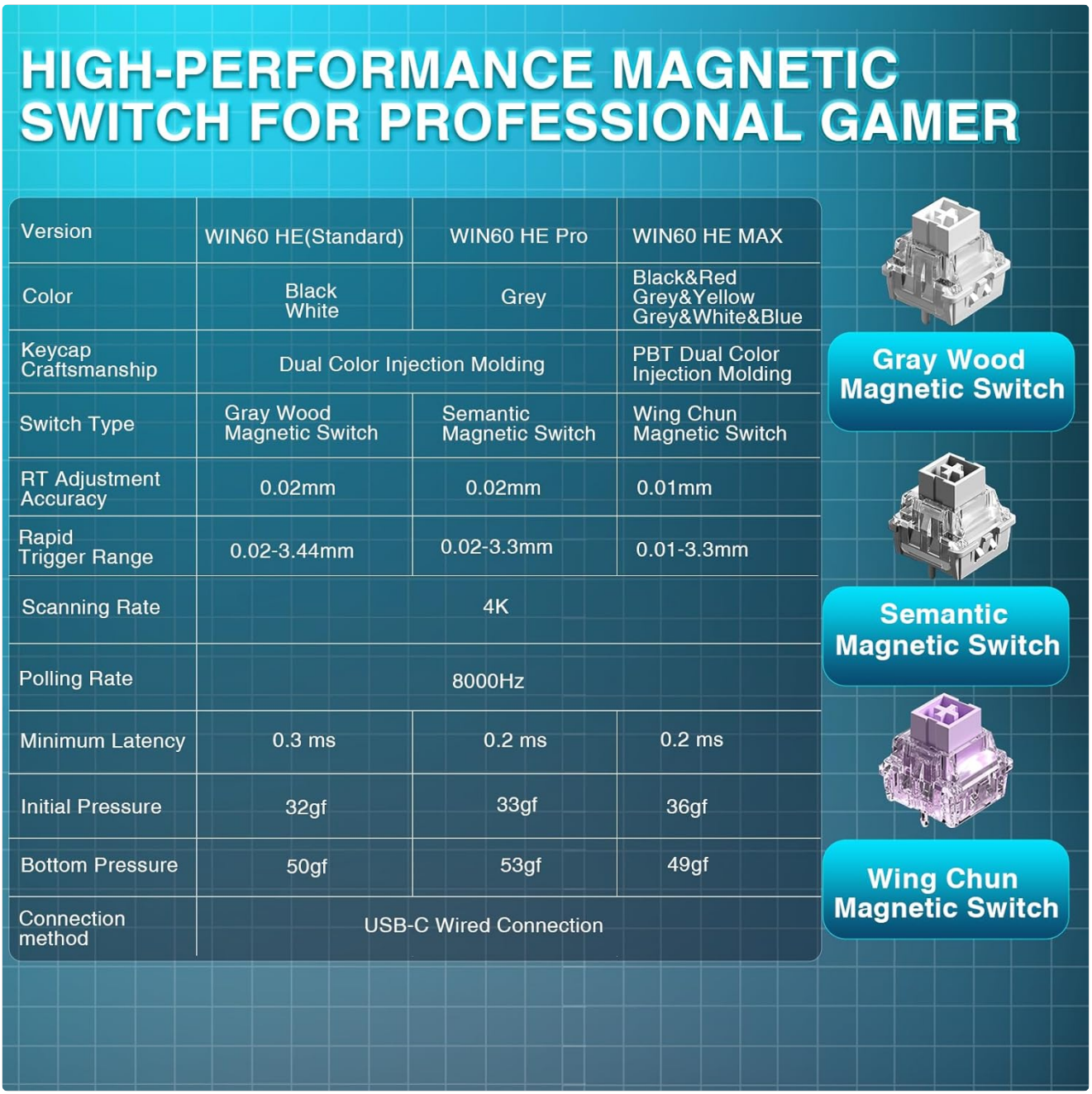
- Check if the lighting is turned off using the**FN** + **Backspace** hotkey.
- Adjust brightness using **FN** + **[** or **FN** + **]**.
- Ensure the web driver settings haven't disabled lighting.

5.3 Keys Sticking or Not Registering

- Clean around the affected keycap to remove any debris.
- If a specific switch is faulty, consider replacing it using the hot-swappable feature (refer to Section 4.2).
- Check the actuation point settings in the web driver; it might be set too high or too low for your preference.

6. Specifications

Feature	Detail
Model	WIN60 HE PRO
Keyboard Type	60% Mechanical Gaming Keyboard
Switch Type	Hall Effect Magnetic Switch, Hot-Swappable
Connectivity	USB-C Wired
Polling Rate	8000Hz
Special Features	Rapid Trigger Mode, Adjustable Actuation, RGB Backlit, Programmable Keys, Hotkeys and Media Keys, Portable
Compatible Devices	Laptop, PC Windows (Not compatible with PS5/PS4, OBOX)
Product Dimensions	11 x 5 x 1.1 inches (27.94 x 12.7 x 2.79 cm)
Item Weight	2.18 pounds (0.99 kg)
Manufacturer	AULA



Version	WIN60 HE(Standard)	WIN60 HE Pro	WIN60 HE MAX
Color	Black White	Grey	Black&Red Grey&Yellow Grey&White&Blue
Keycap Craftsmanship	Dual Color Injection Molding		PBT Dual Color Injection Molding
Switch Type	Gray Wood Magnetic Switch	Semantic Magnetic Switch	Wing Chun Magnetic Switch
RT Adjustment Accuracy	0.02mm	0.02mm	0.01mm
Rapid Trigger Range	0.02-3.44mm	0.02-3.3mm	0.01-3.3mm
Scanning Rate	4K		
Polling Rate	8000Hz		
Minimum Latency	0.3 ms	0.2 ms	0.2 ms
Initial Pressure	32gf	33gf	36gf
Bottom Pressure	50gf	53gf	49gf
Connection method	USB-C Wired Connection		

Figure 6: Detailed comparison of AULA WIN60 HE series magnetic switches.

7. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official AULA/CORBOBO website. You may also contact the seller directly through your purchase platform for assistance.

Manufacturer: AULA

Seller: CORBOBO Direct

Website: CORBOBO Store on Amazon

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